

FIG. 1

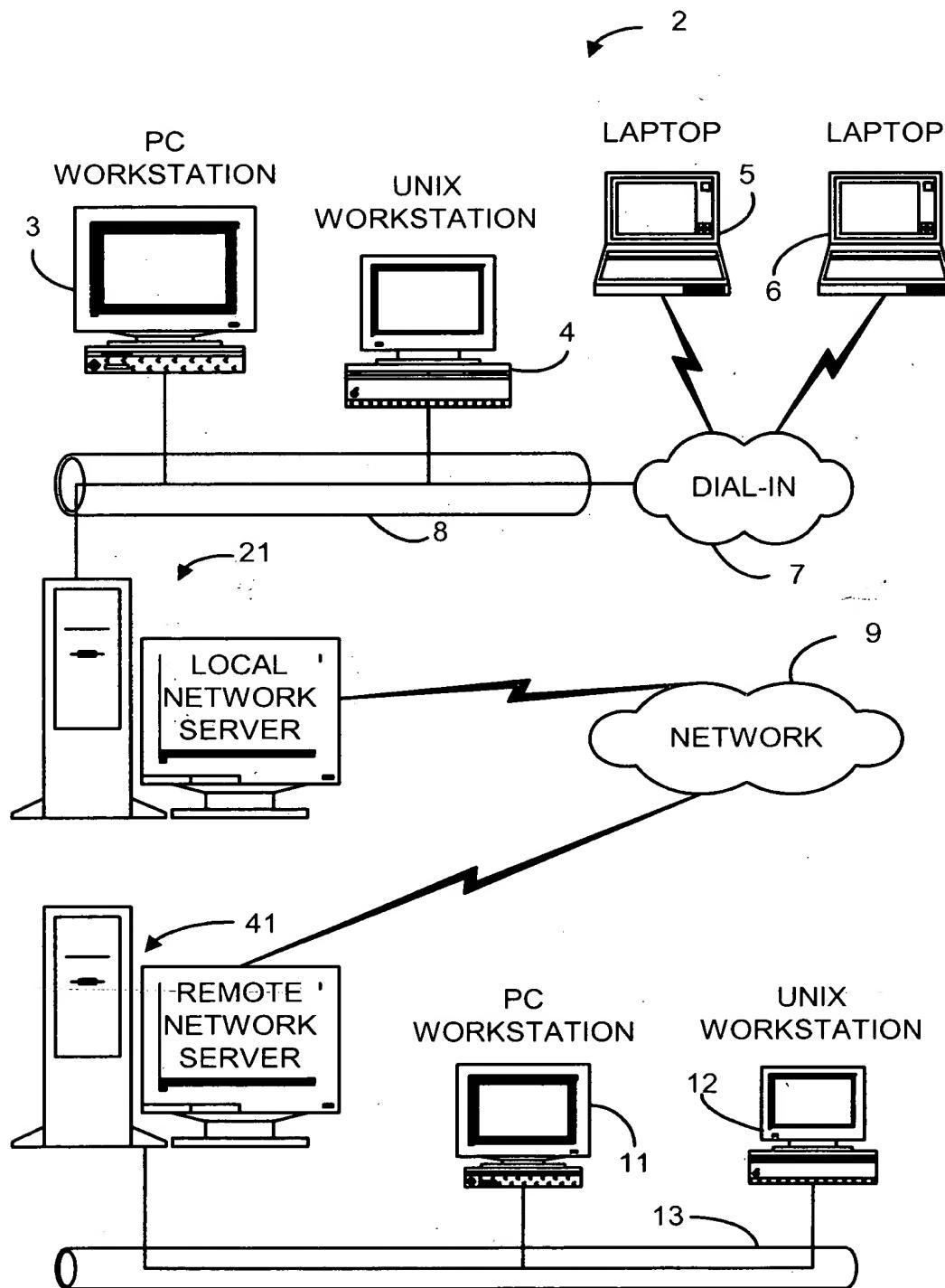


FIG. 2

60

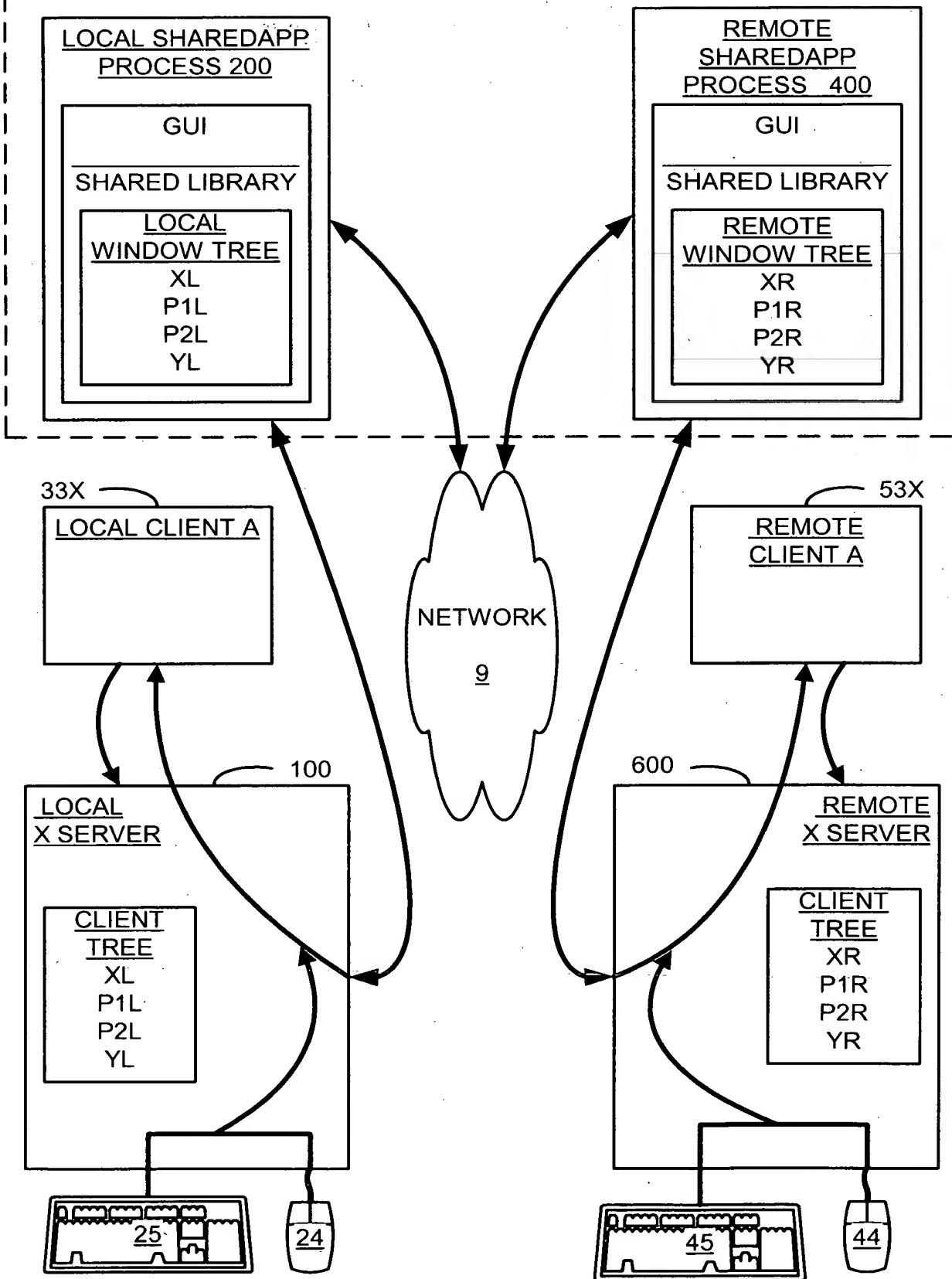
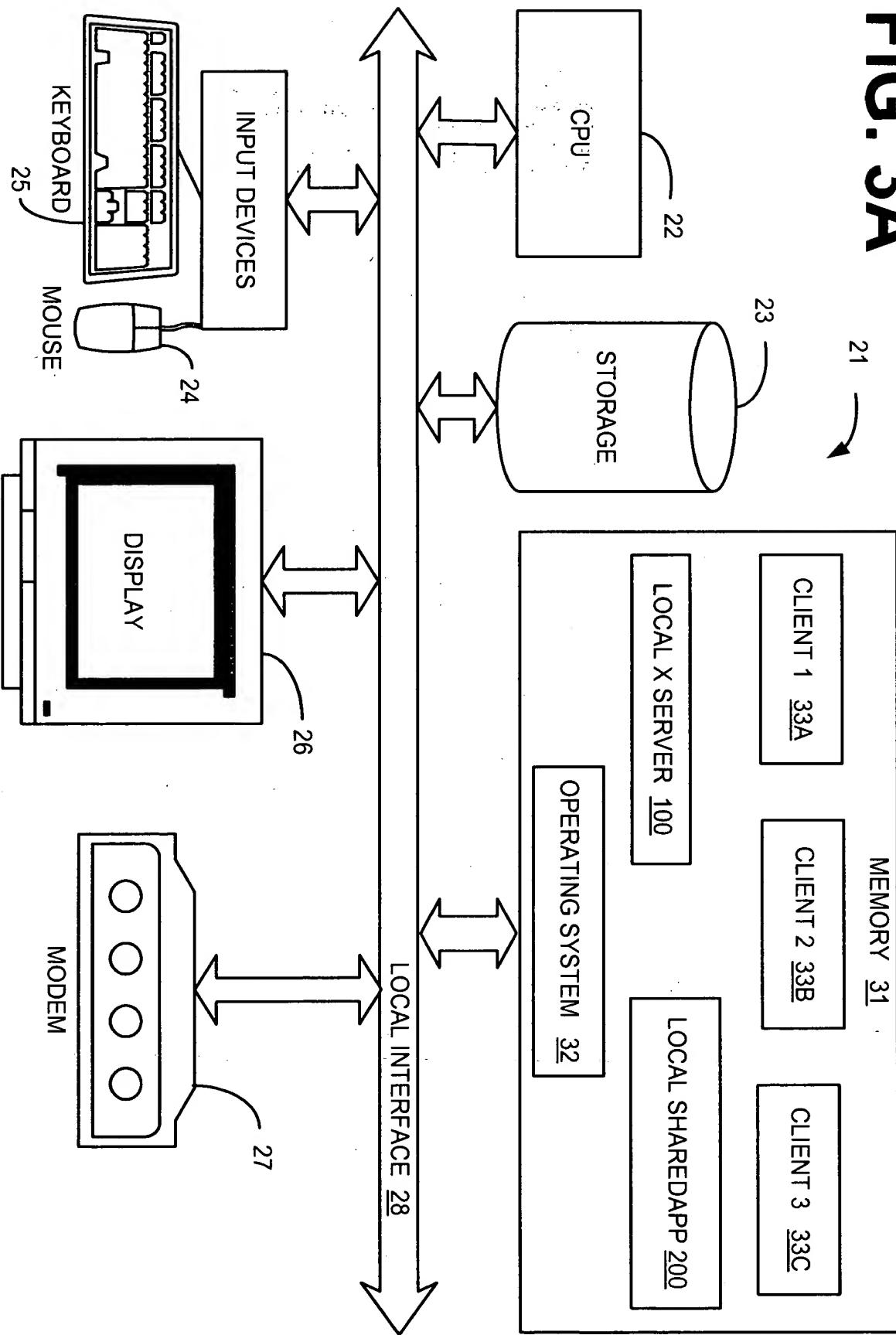


FIG. 3A



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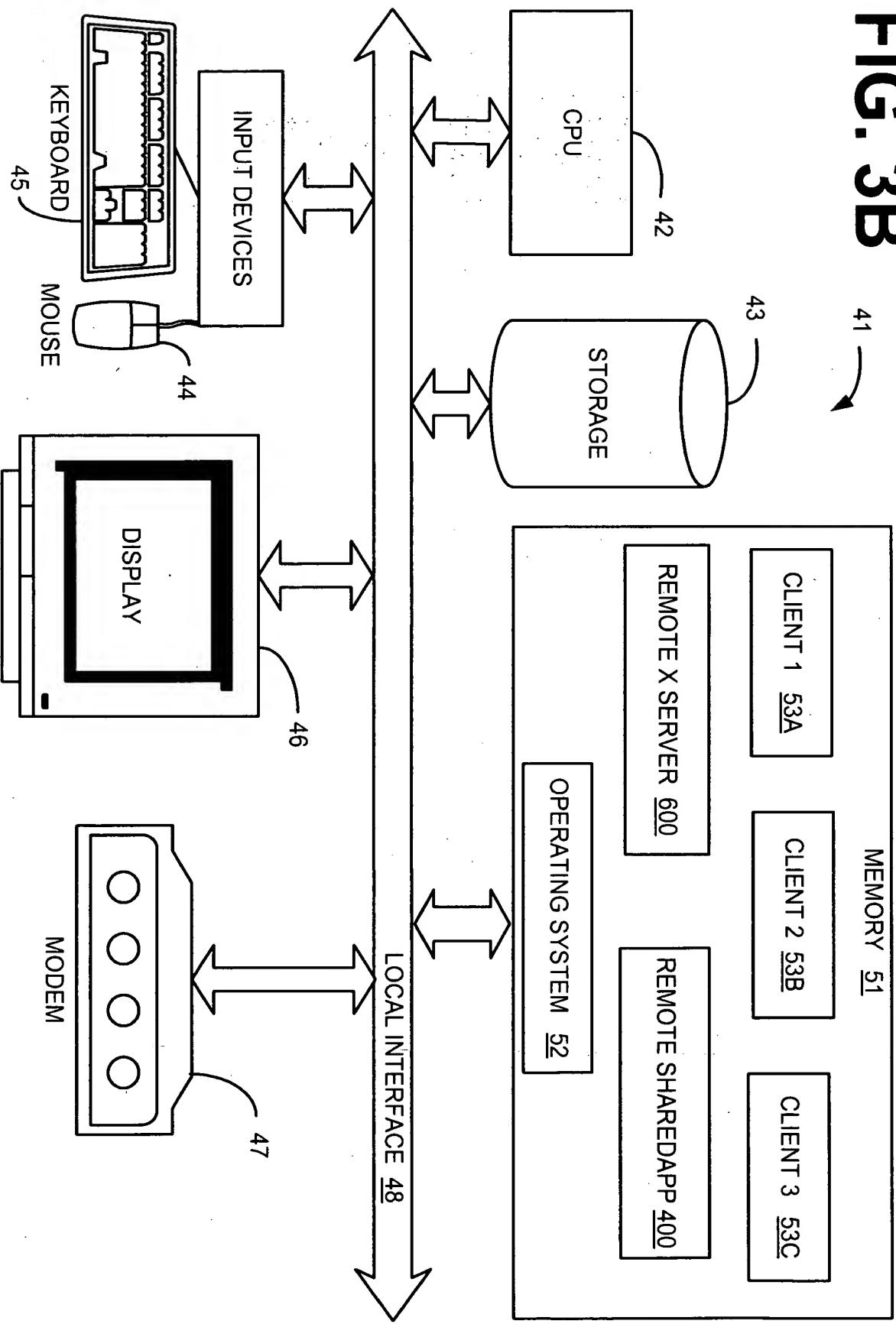


FIG. 4

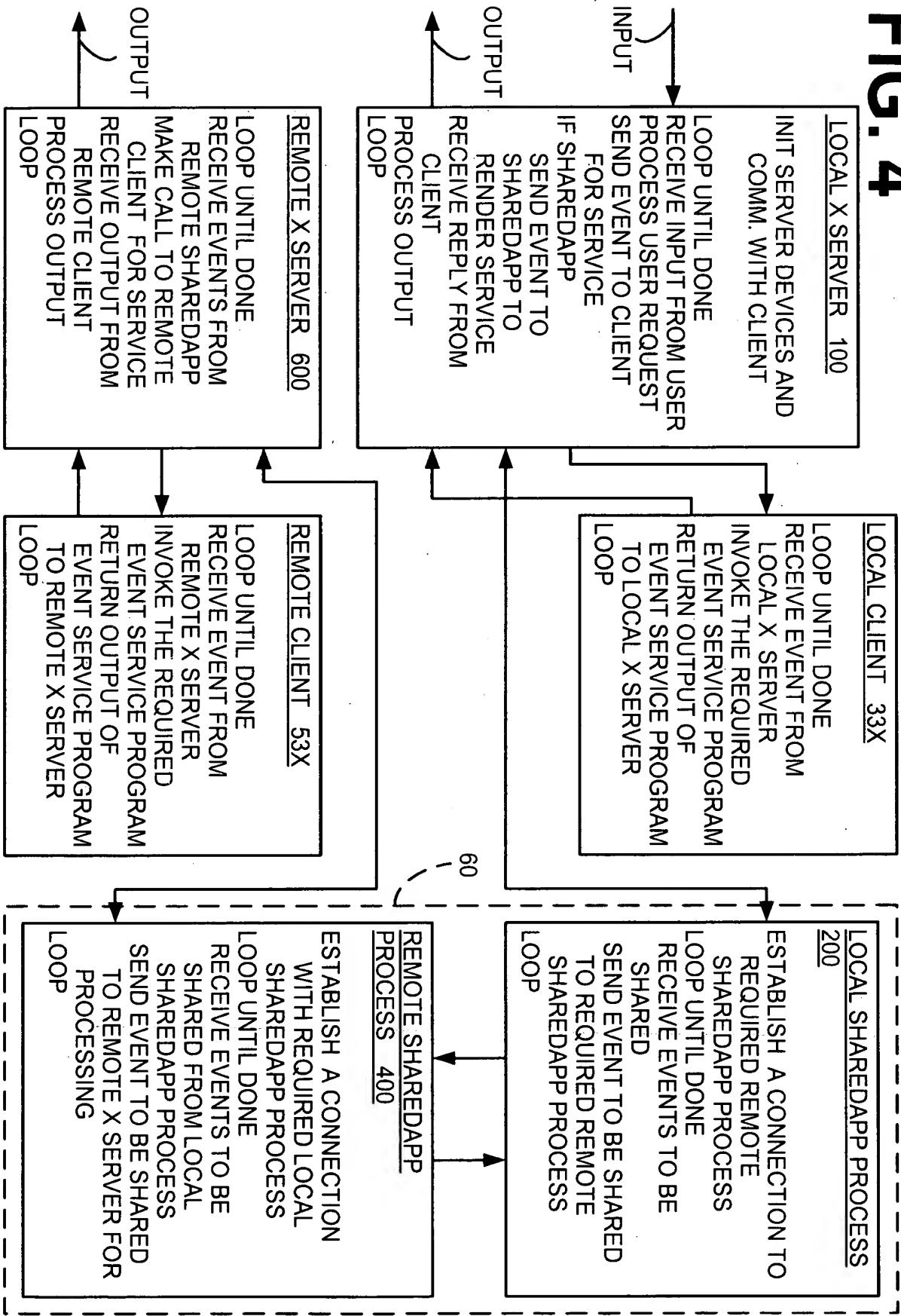


FIG. 5A

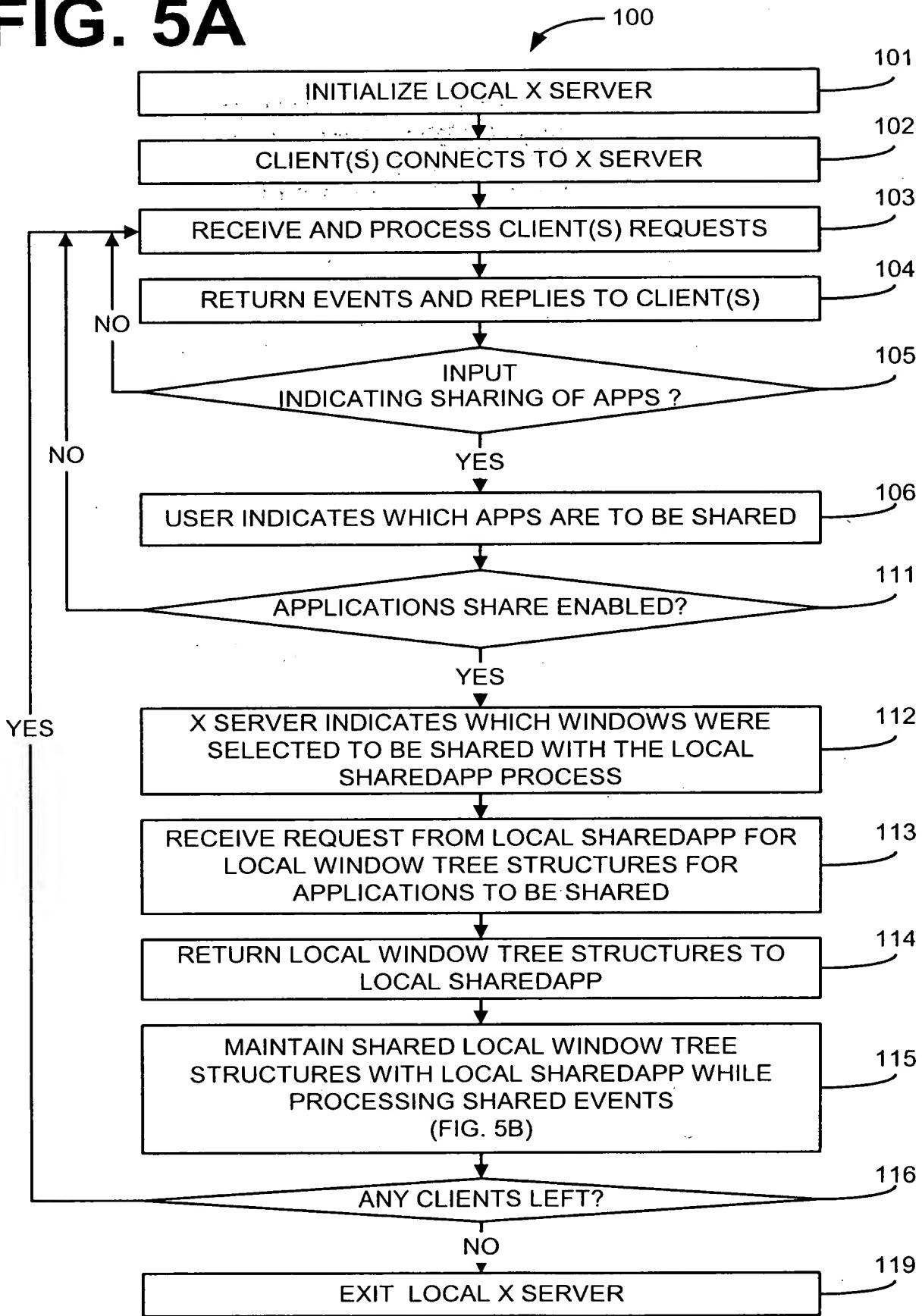


FIG. 5B

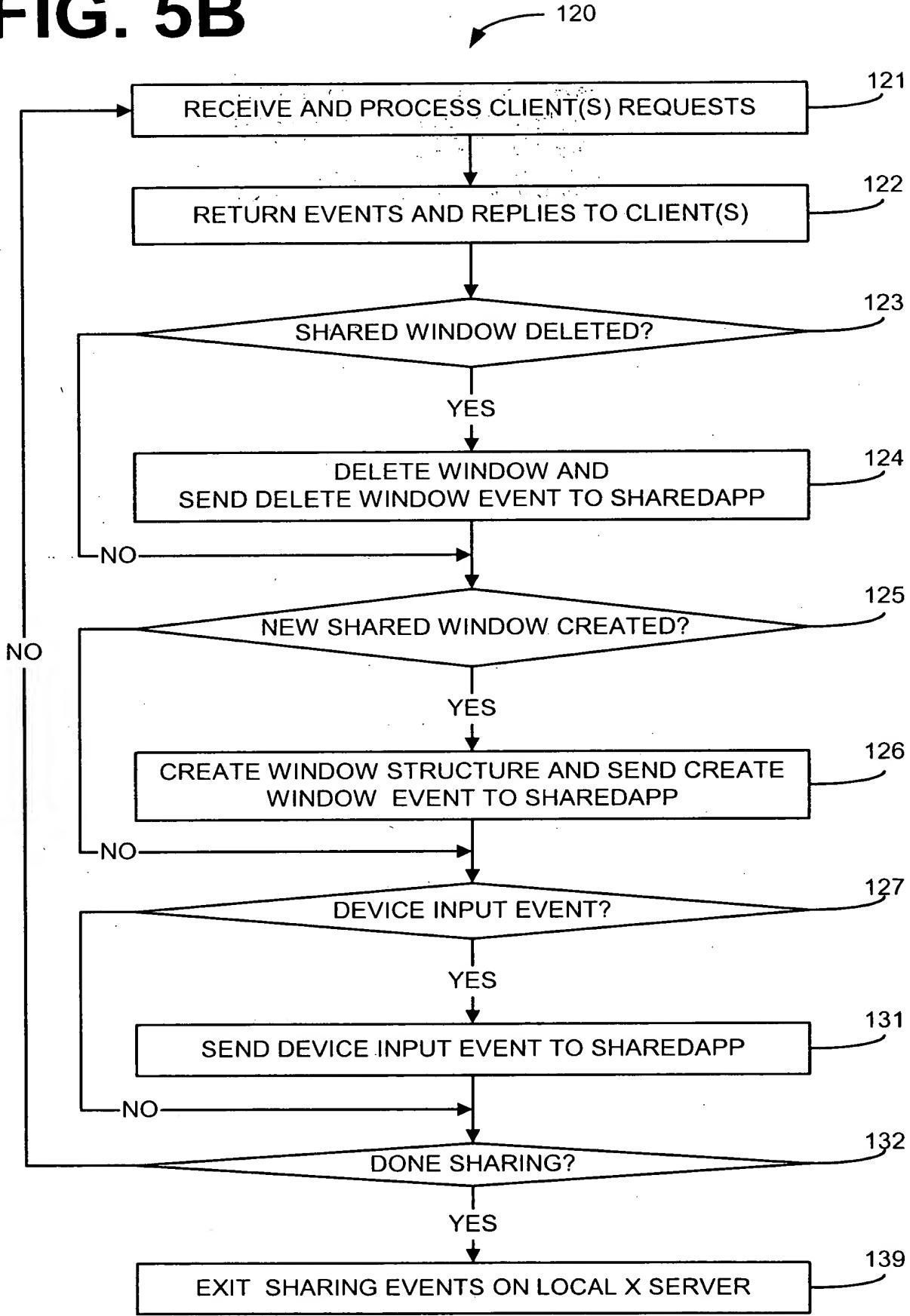


FIG. 6A

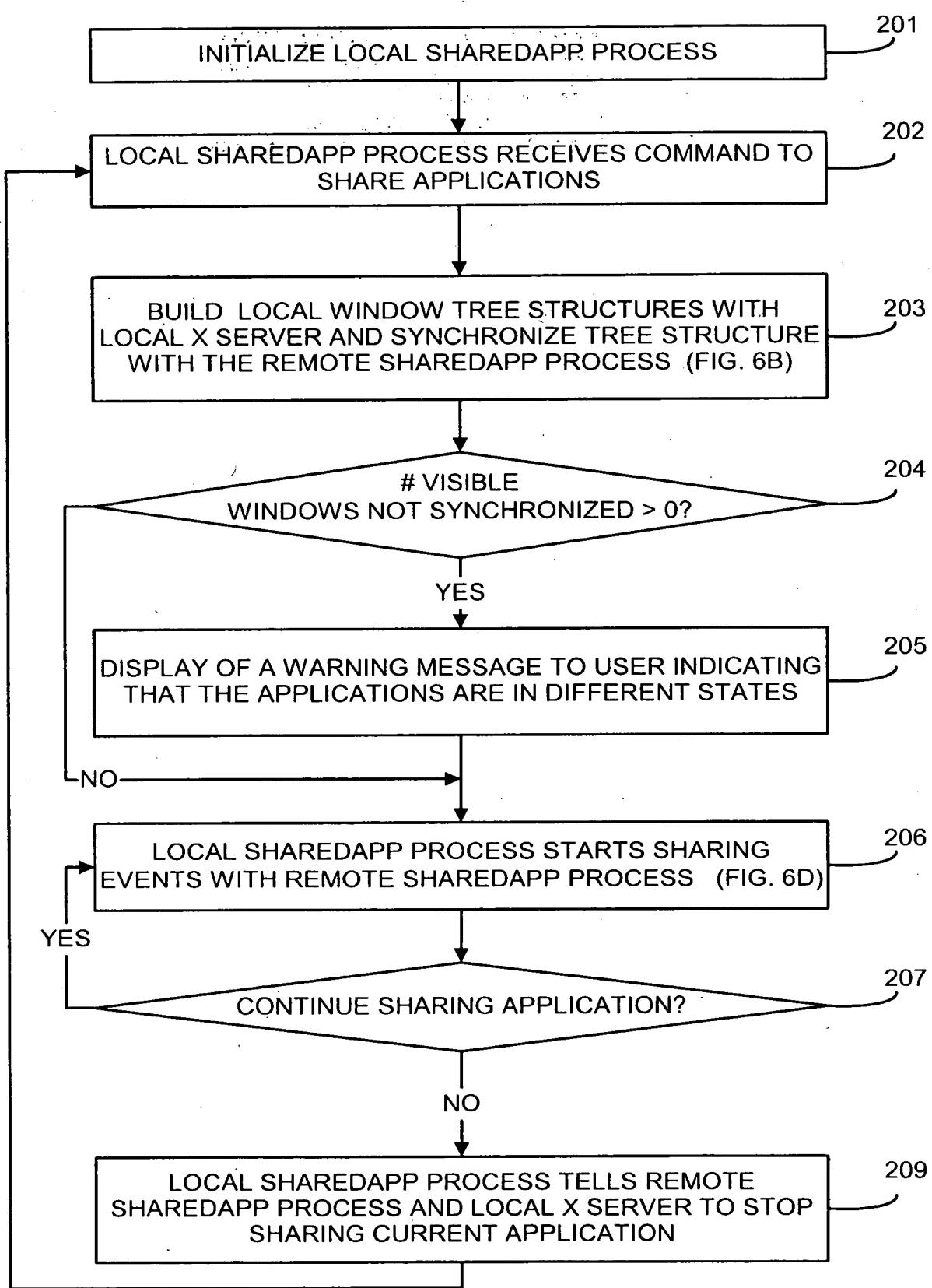
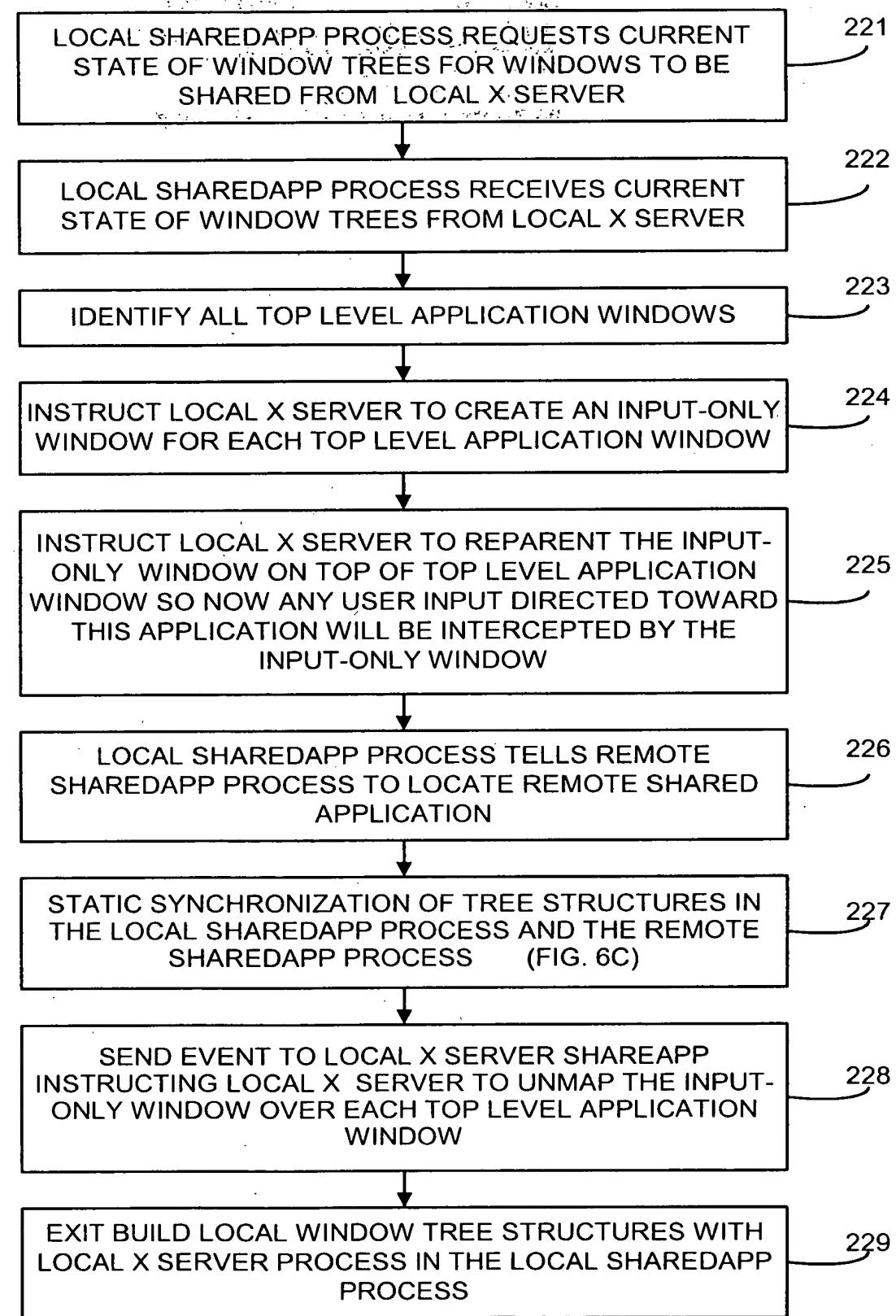


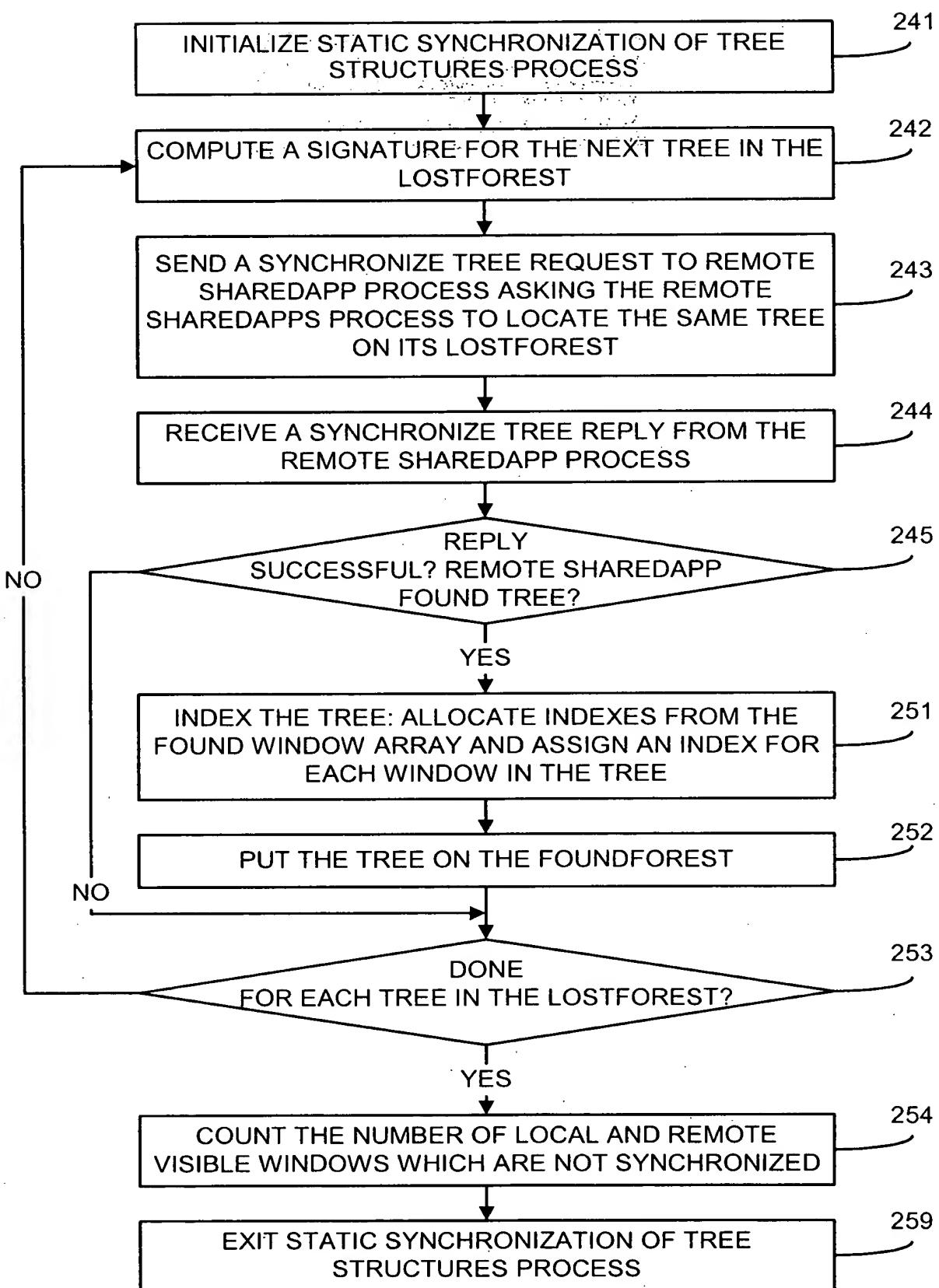
FIG. 6B

220



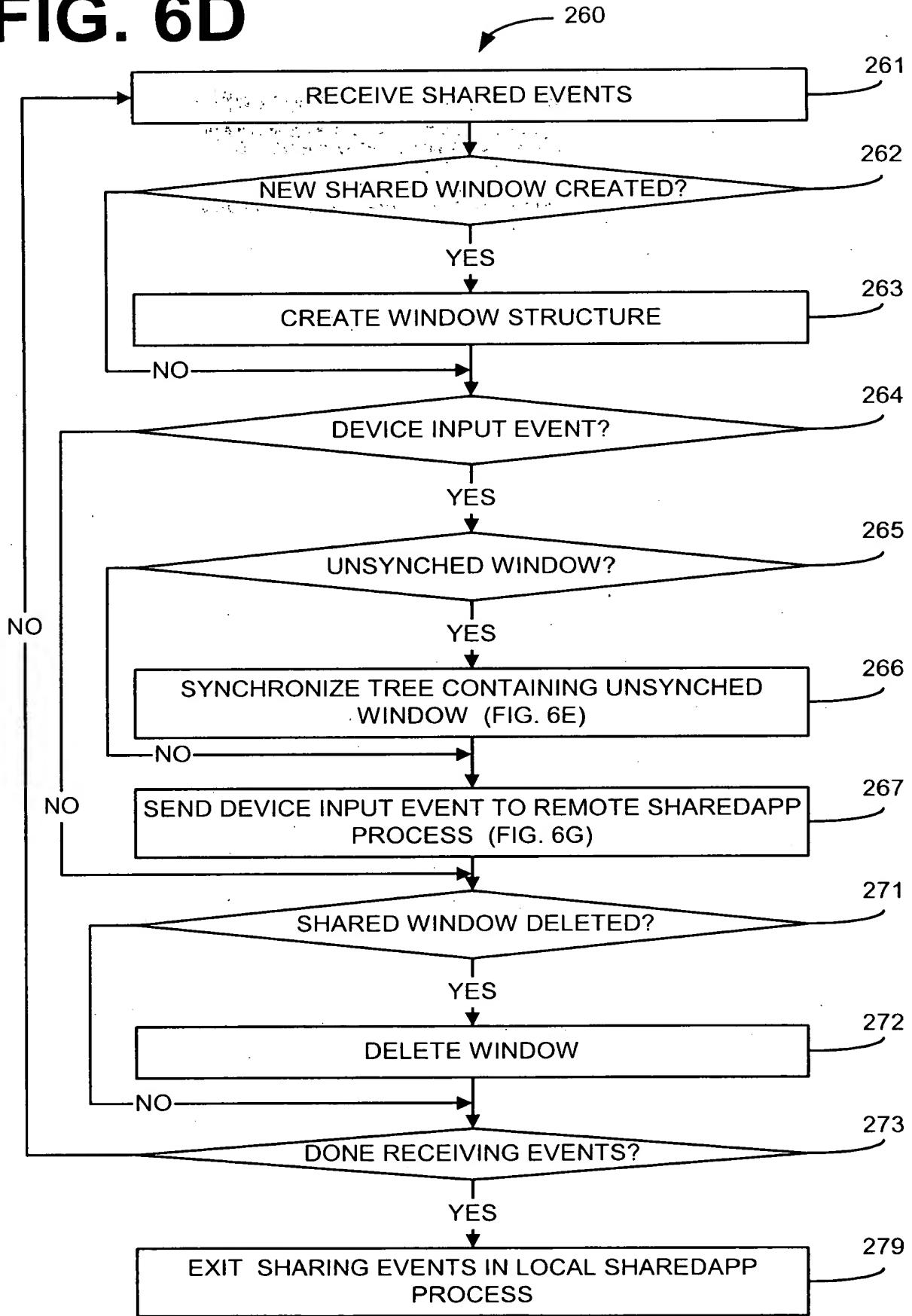
00000000-0000-0000-0000-000000000000

FIG. 6C



20070216-24440000

FIG. 6D



00657200-2000-0000-0000-000000000000

FIG. 6E

280

IDENTIFY ALL TOP LEVEL APPLICATION WINDOWS FOR THE APPLICATION HAVING AN UNSYNCHED WINDOW

281

INSTRUCT LOCAL X SERVER TO CREATE AN INPUT-ONLY WINDOW FOR EACH TOP LEVEL APPLICATION WINDOWS IDENTIFIED IN STEP 281

282

INSTRUCT LOCAL X SERVER TO REPARENT THE INPUT-ONLY WINDOW ON TOP OF EACH TOP LEVEL APPLICATION WINDOW IDENTIFIED IN STEP 281, SO NOW ANY USER INPUT DIRECTED TOWARD THIS APPLICATION WILL BE INTERCEPTED BY THE INPUT-ONLY WINDOW

283

SYNCHRONIZE TREE STRUCTURE FOR UNSYNCHED WINDOW IN THE LOCAL SHAREDAPP PROCESS AND THE REMOTE SHAREDAPP PROCESS (FIG. 6F)

284

SEND EVENT TO LOCAL X SERVER TO UNMAP THE INPUT-ONLY WINDOW ON TOP OF EACH TOP LEVEL APPLICATION WINDOW

285

EXIT DYNAMIC WINDOW TREE STRUCTURE BUILD PROCESS

289

09502448-021900

FIG. 6F

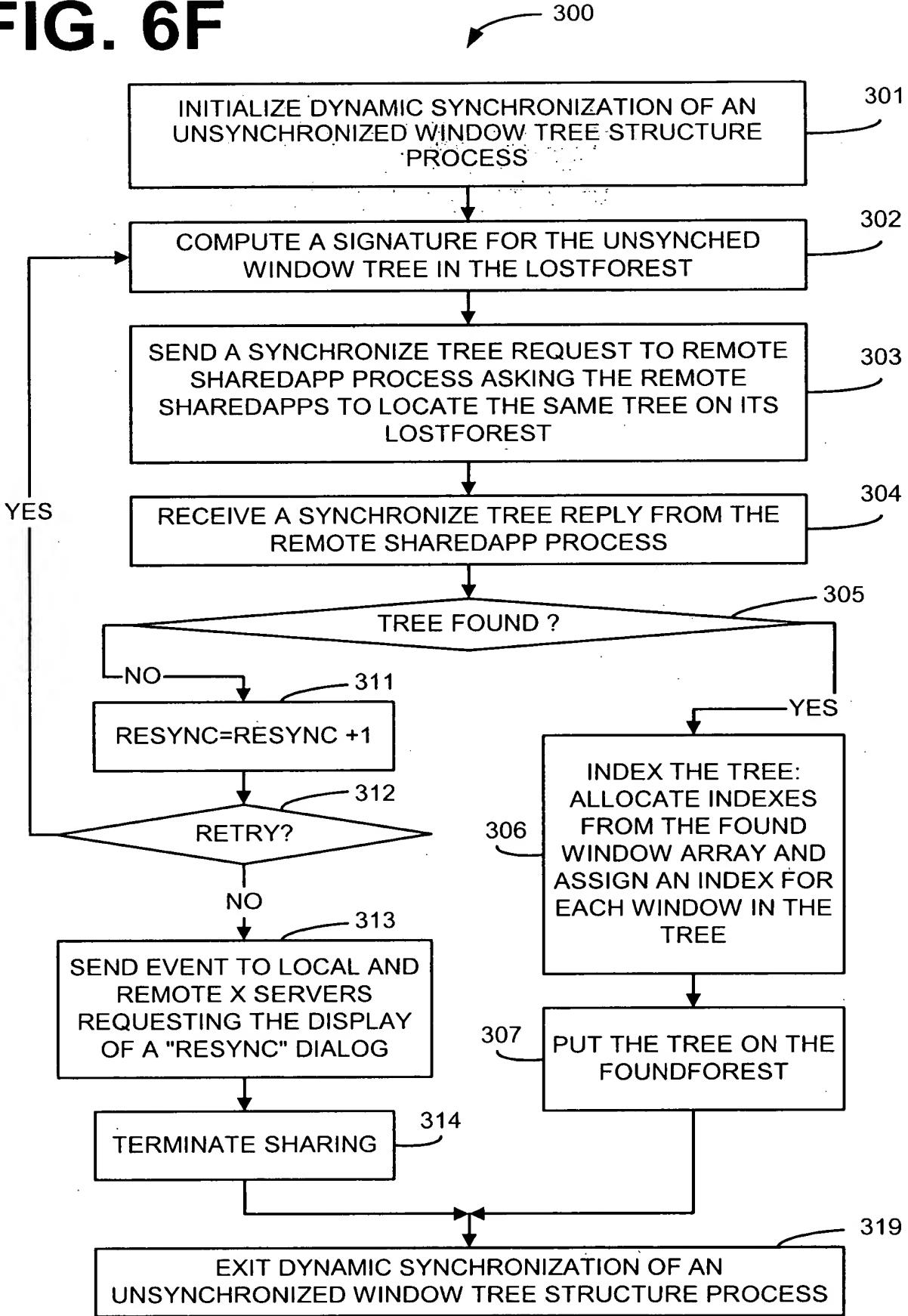


FIG. 6G

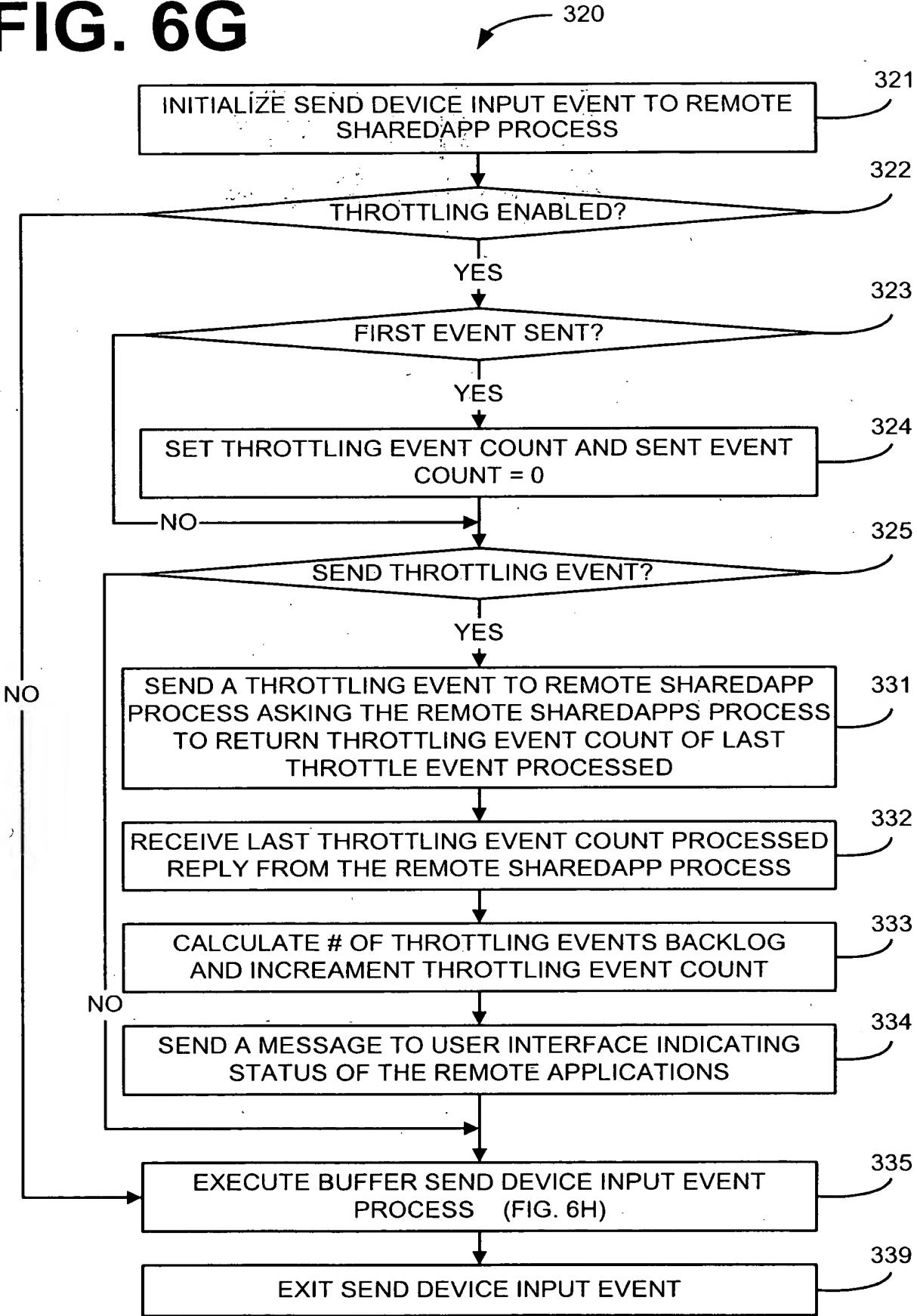
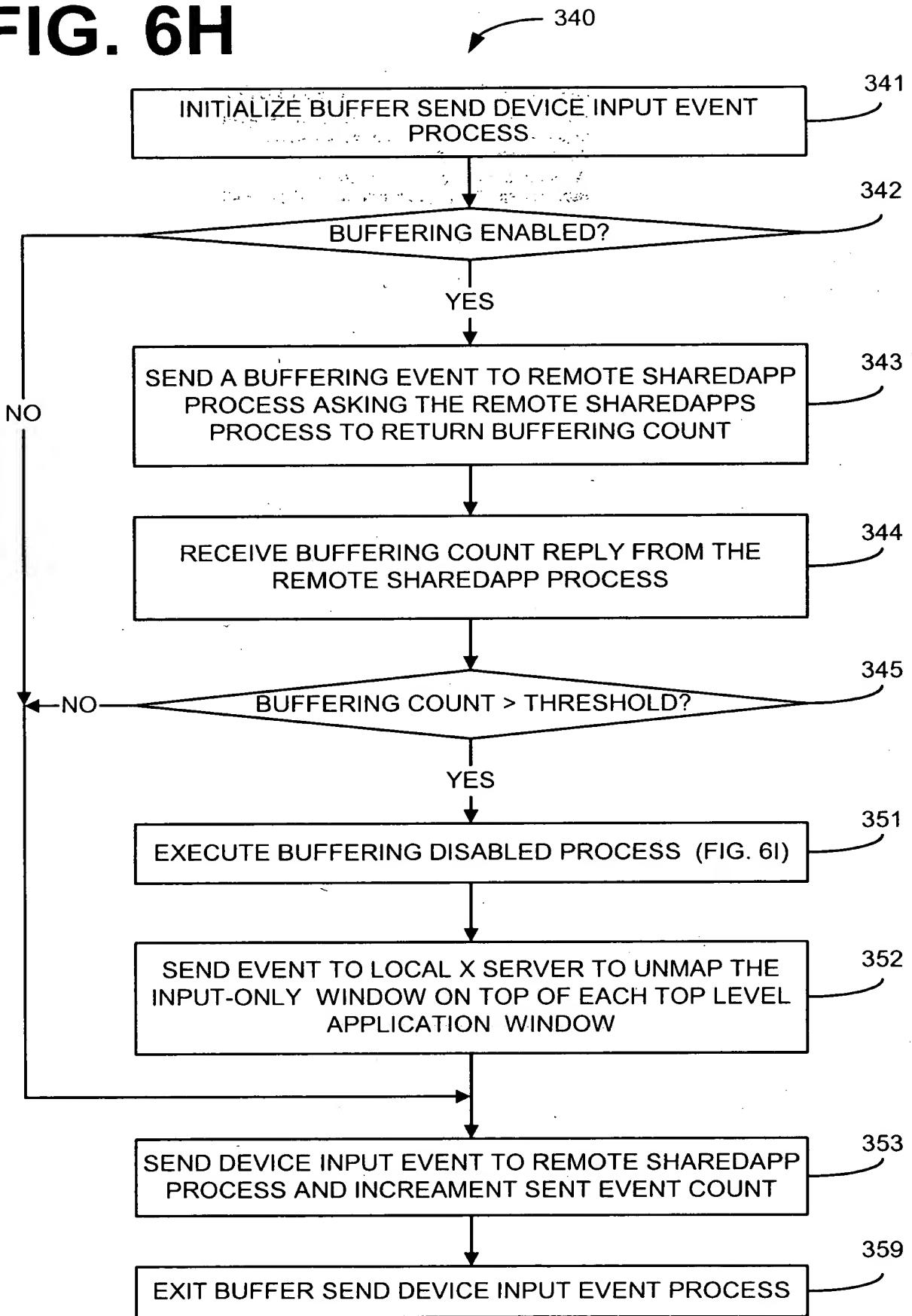


FIG. 6H



00000000000000000000000000000000

FIG. 6I

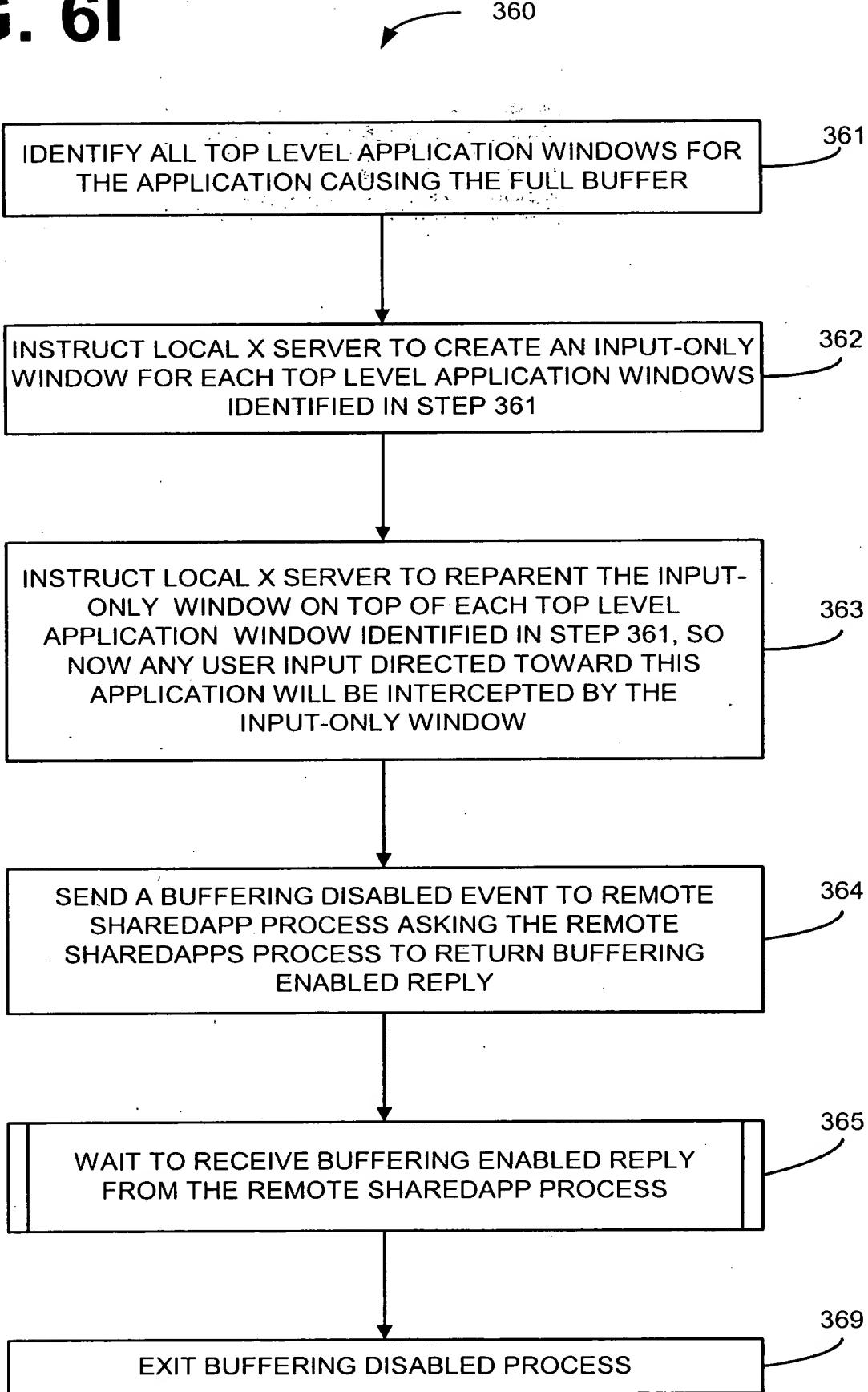


FIG. 7A

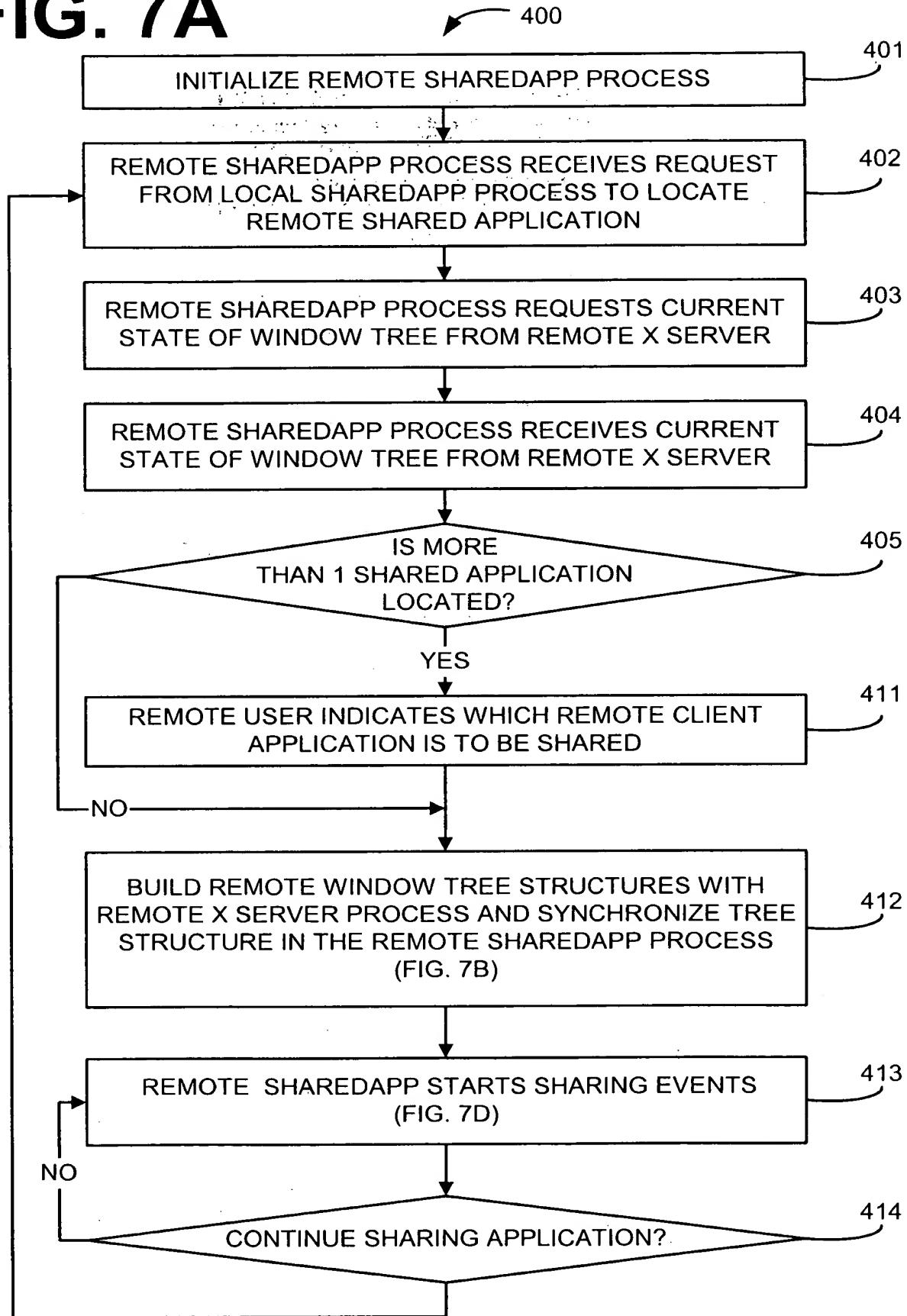


FIG. 7B

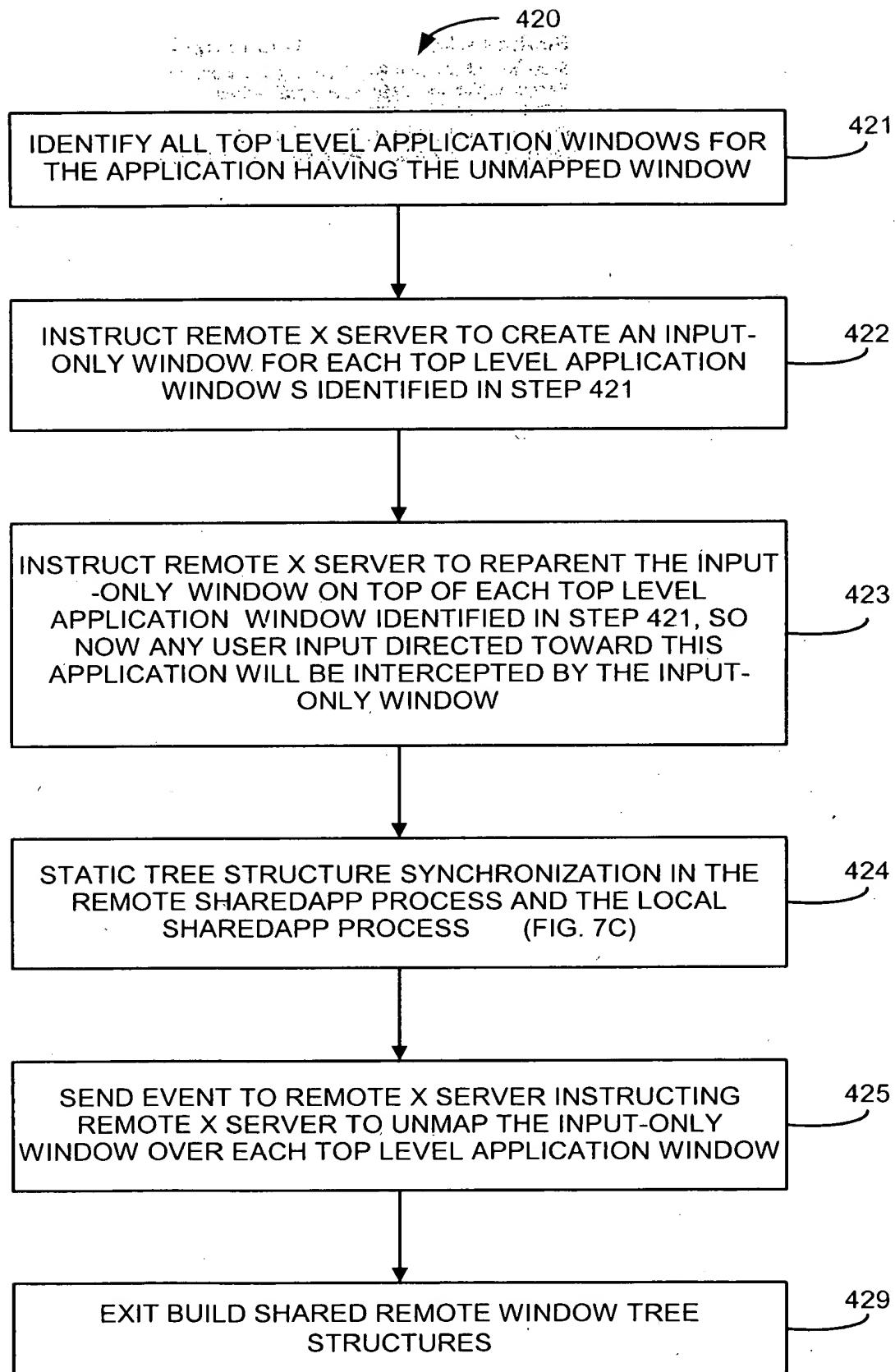


FIG. 7C

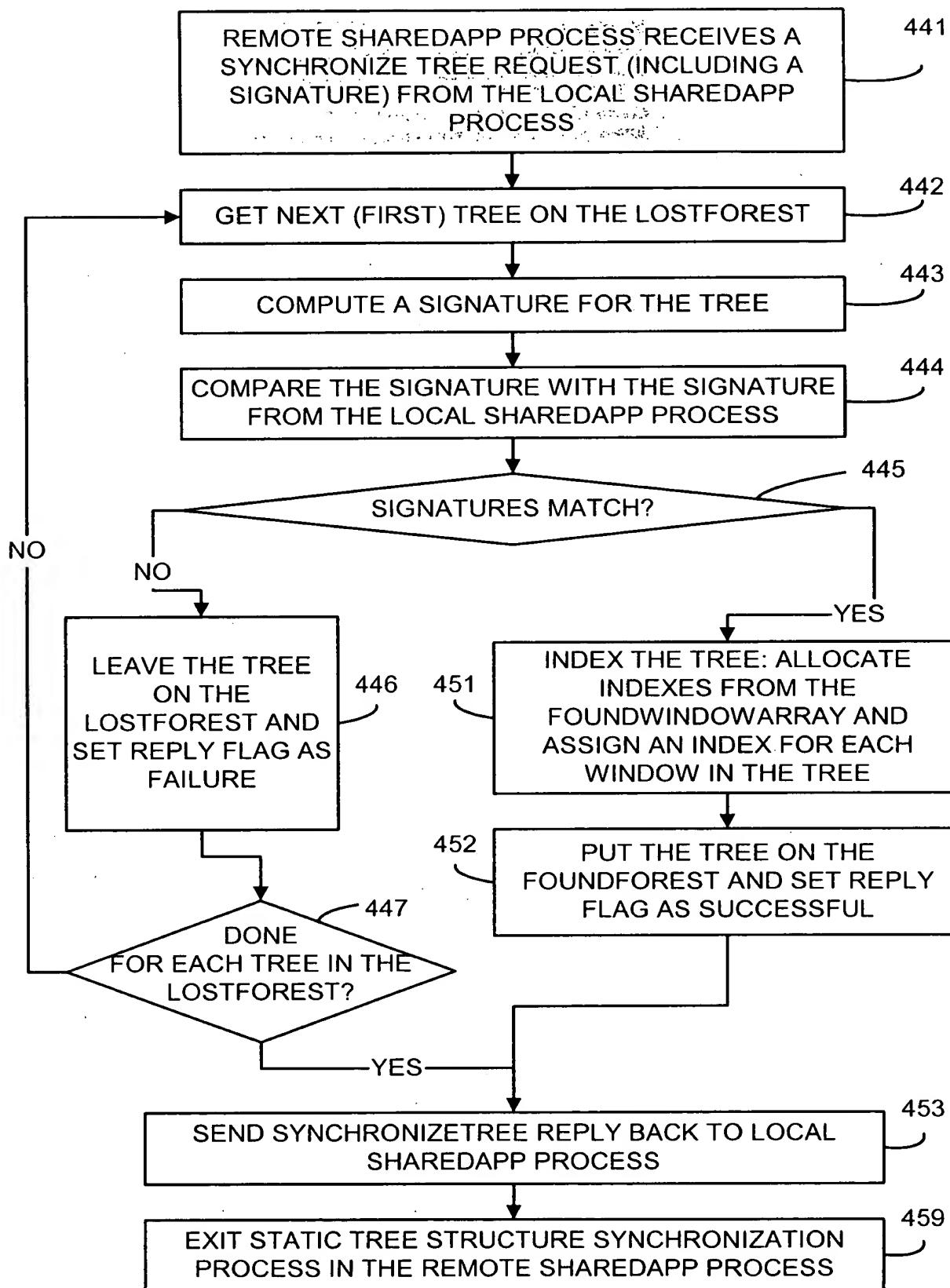


FIG. 7D

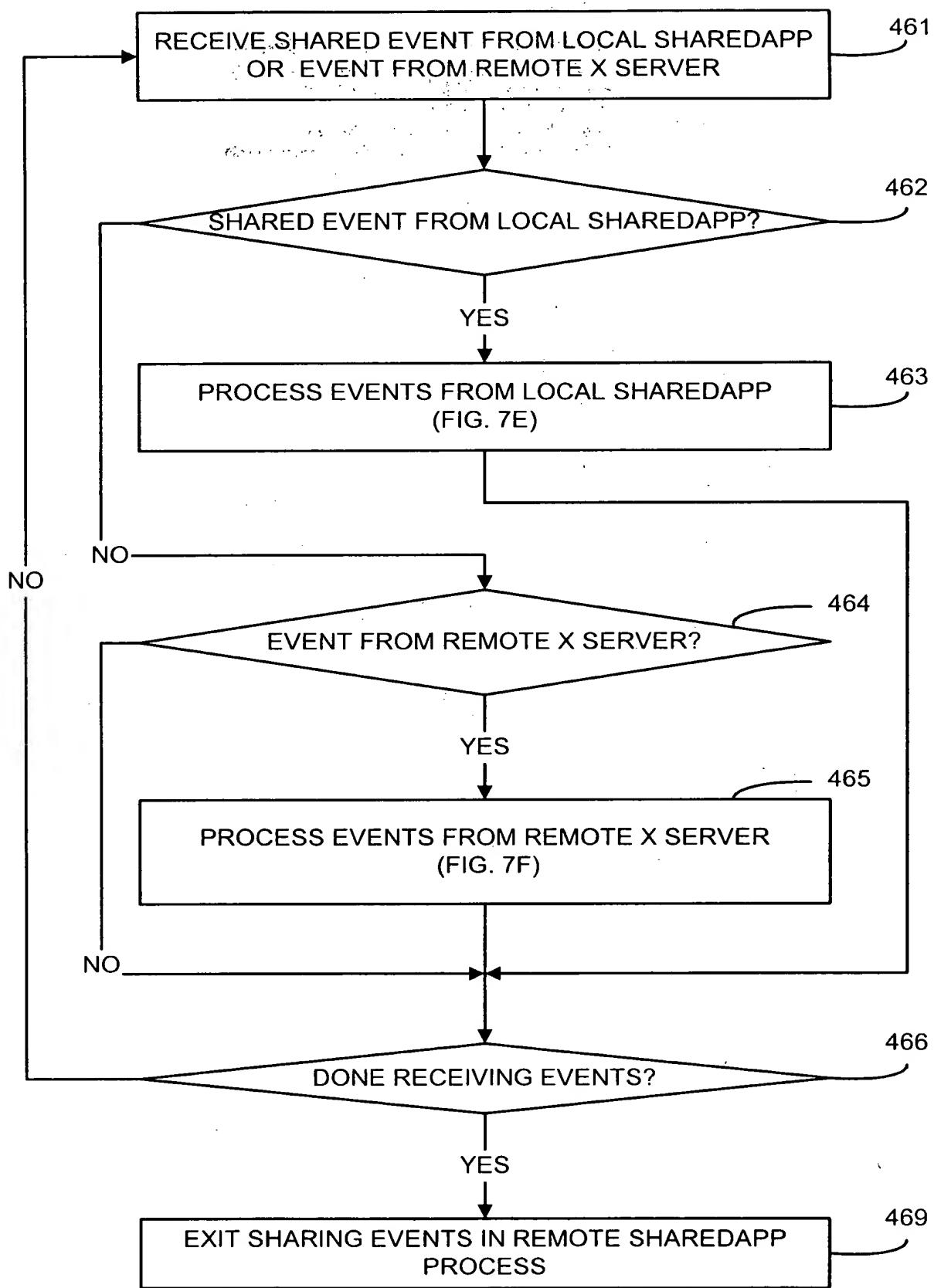


FIG. 7E

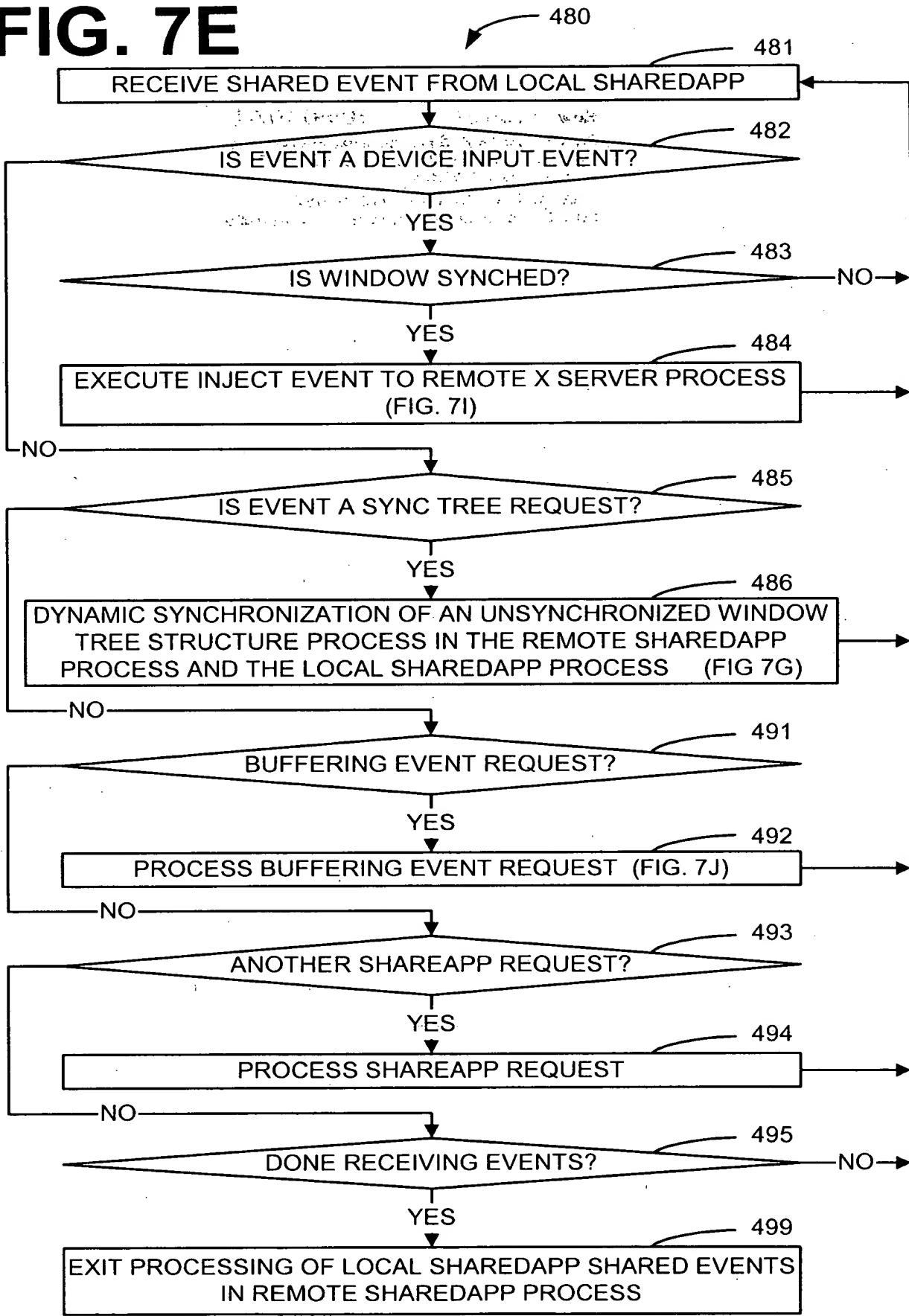


FIG. 7F

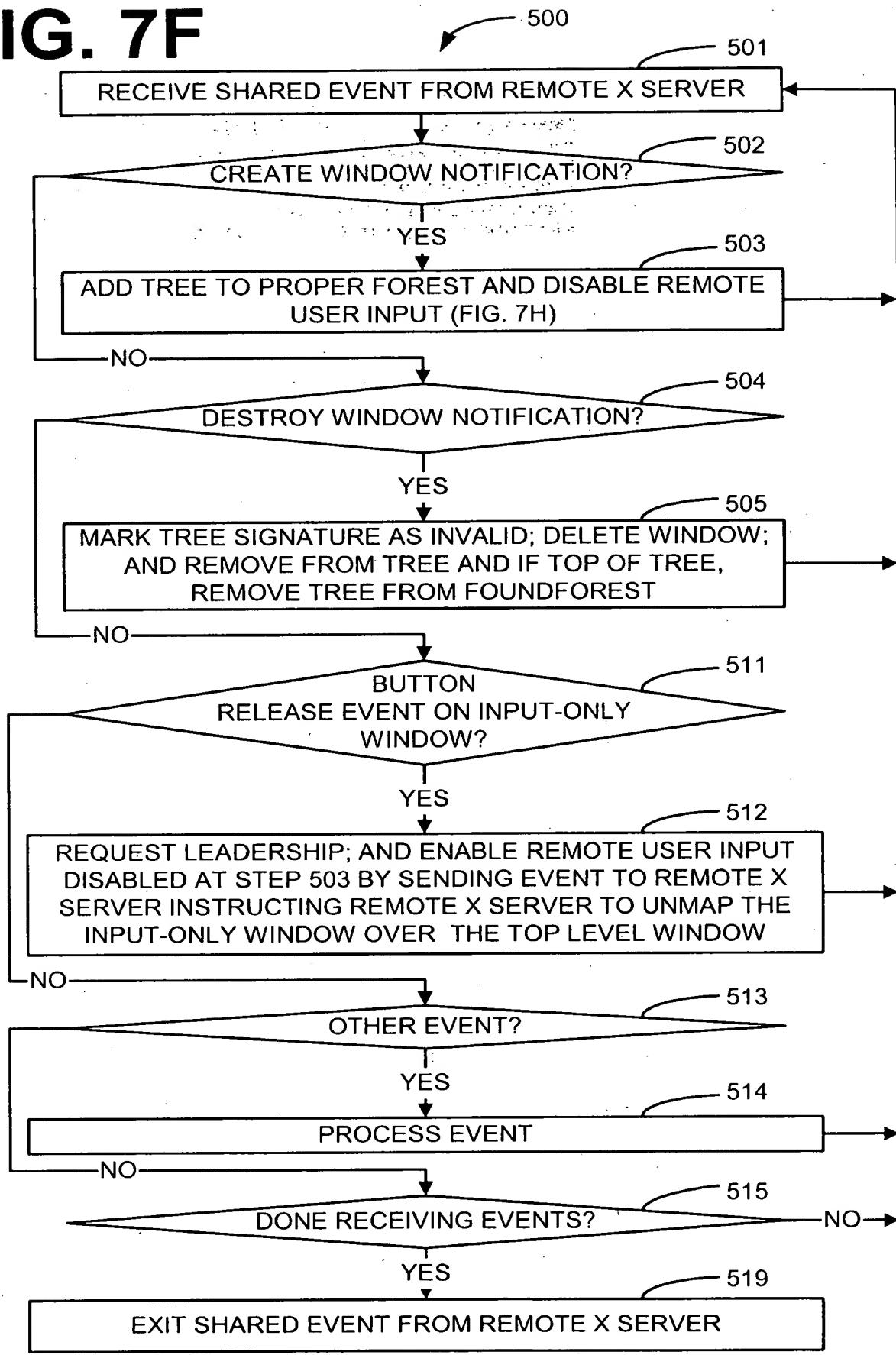


FIG. 7G

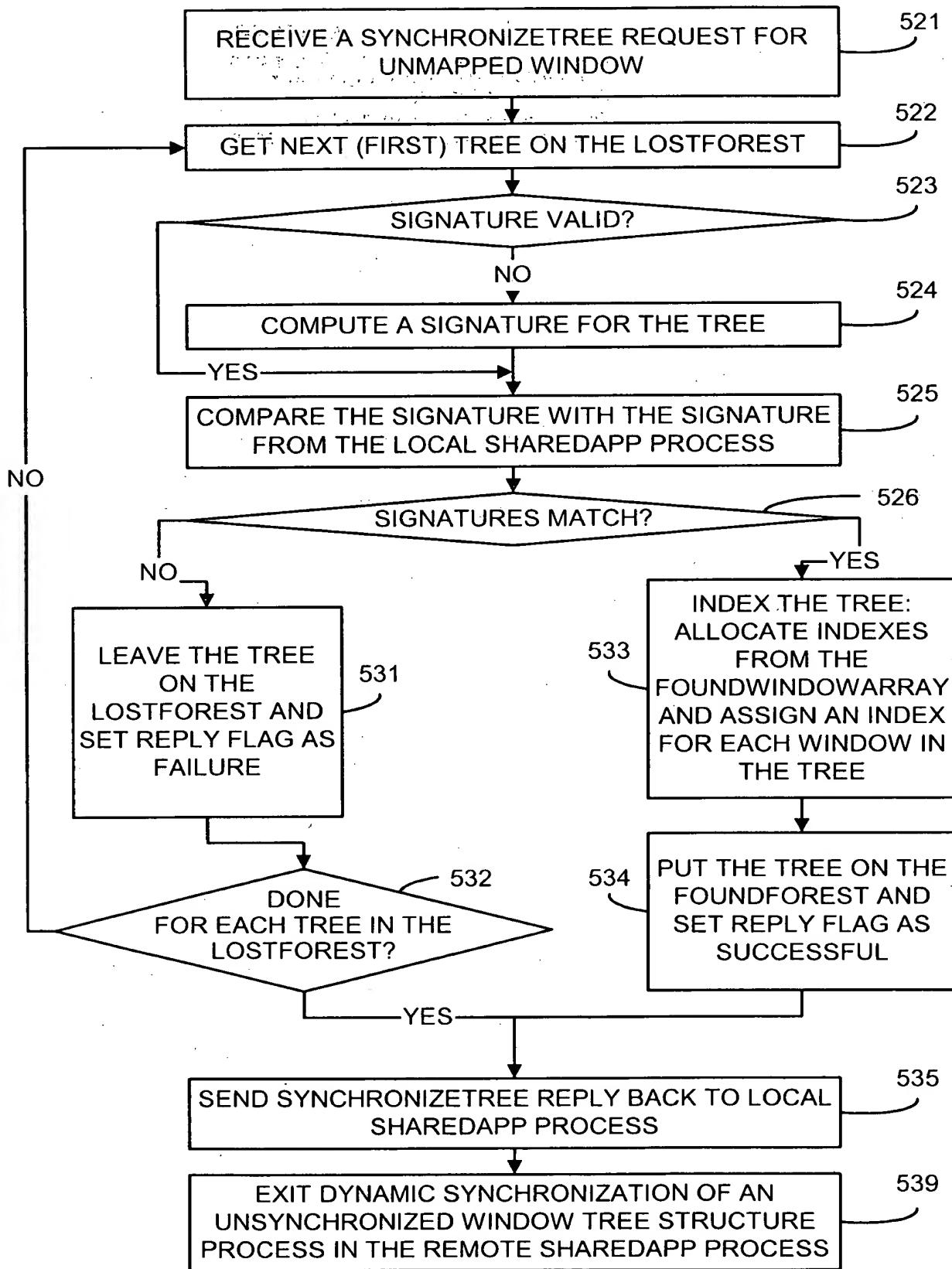


FIG. 7H

540

WINDOW

BELONG TO EXISTING TREE ON THE
LOSTFOREST

YES

541

MARK THE TREE SIGNATURE AS INVALID; AND ADD THE
WINDOW TO THE PROPER TREE IN THE LOSTFOREST

NO

WINDOW

BELONG TO EXISTING TREE ON THE
FOUNDFOREST

YES

543

CREATE A NEW TREE IN LOSTFOREST; ADD THE WINDOW
TO THE NEW TREE; AND MARK THE TREE AS A CHILD OF
PARENT TREE IN FOUNDFOREST

NO

544

CREATE THE WINDOW STRUCTURE; ADD THE TREE TO
THE LOSTFOREST AND MARK THE TREE SIGNATURE AS
INVALID

551

IDENTIFY ALL TOP LEVEL APPLICATION WINDOWS FOR THE
APPLICATION HAVING THE UNMAPPED WINDOW

552

INSTRUCT REMOTE X SERVER TO CREATE AN INPUT-ONLY
WINDOW FOR EACH TOP LEVEL APPLICATION WINDOW S
IDENTIFIED IN STEP 551

553

INSTRUCT REMOTE X SERVER TO REPARENT THE INPUT -
ONLY WINDOW ON TOP OF EACH TOP LEVEL APPLICATION
WINDOW IDENTIFIED IN STEP 551, SO NOW ANY USER
INPUT DIRECTED TOWARD THIS APPLICATION WILL BE
INTERCEPTED BY THE INPUT-ONLY WINDOW

559

EXIT ADD TREE TO PROPER FOREST AND DISABLE REMOTE
USER INPUT IN THE REMOTE SHAREDAPP PROCESS

00000000000000000000000000000000

FIG. 7I

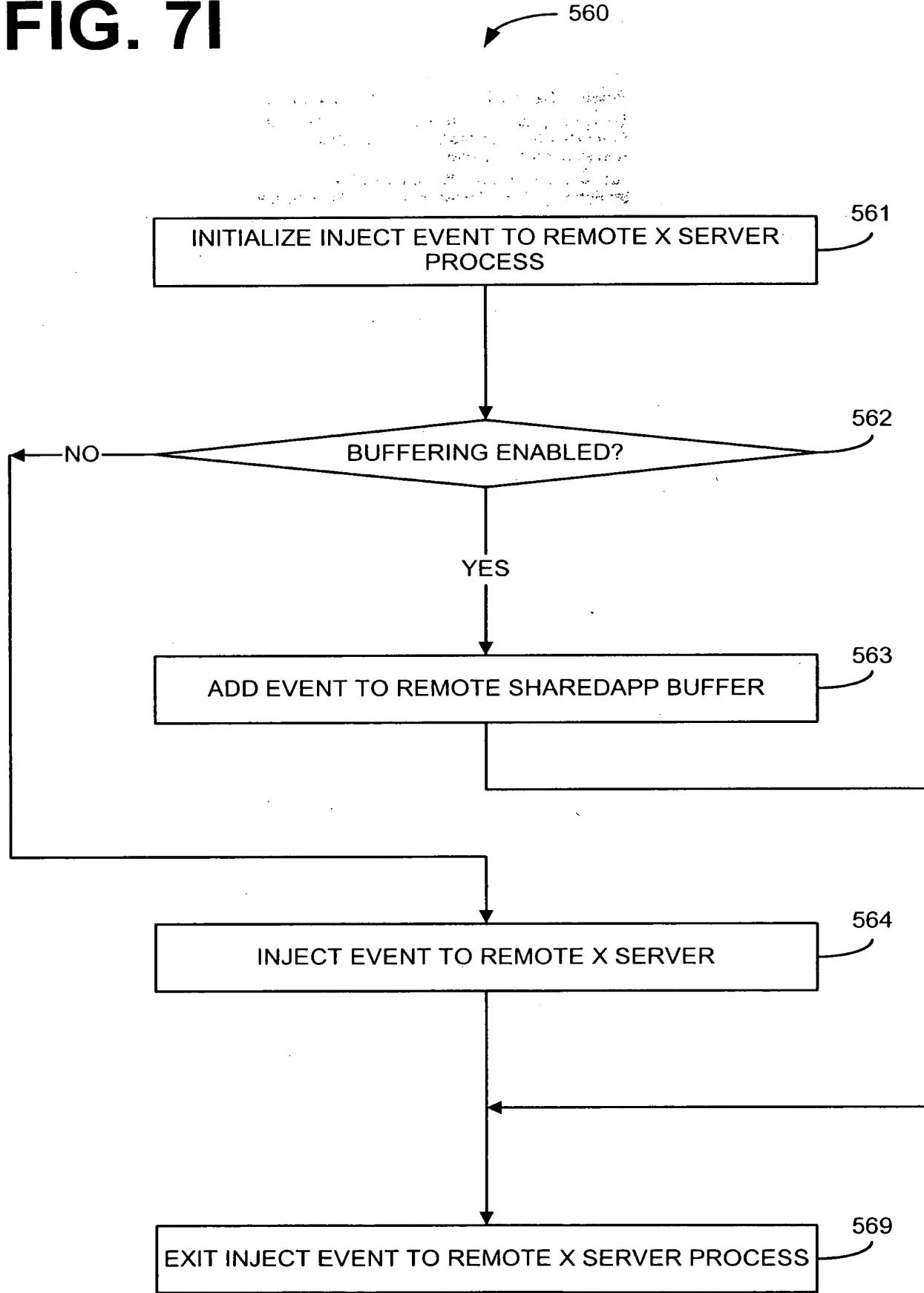


FIG. 7J

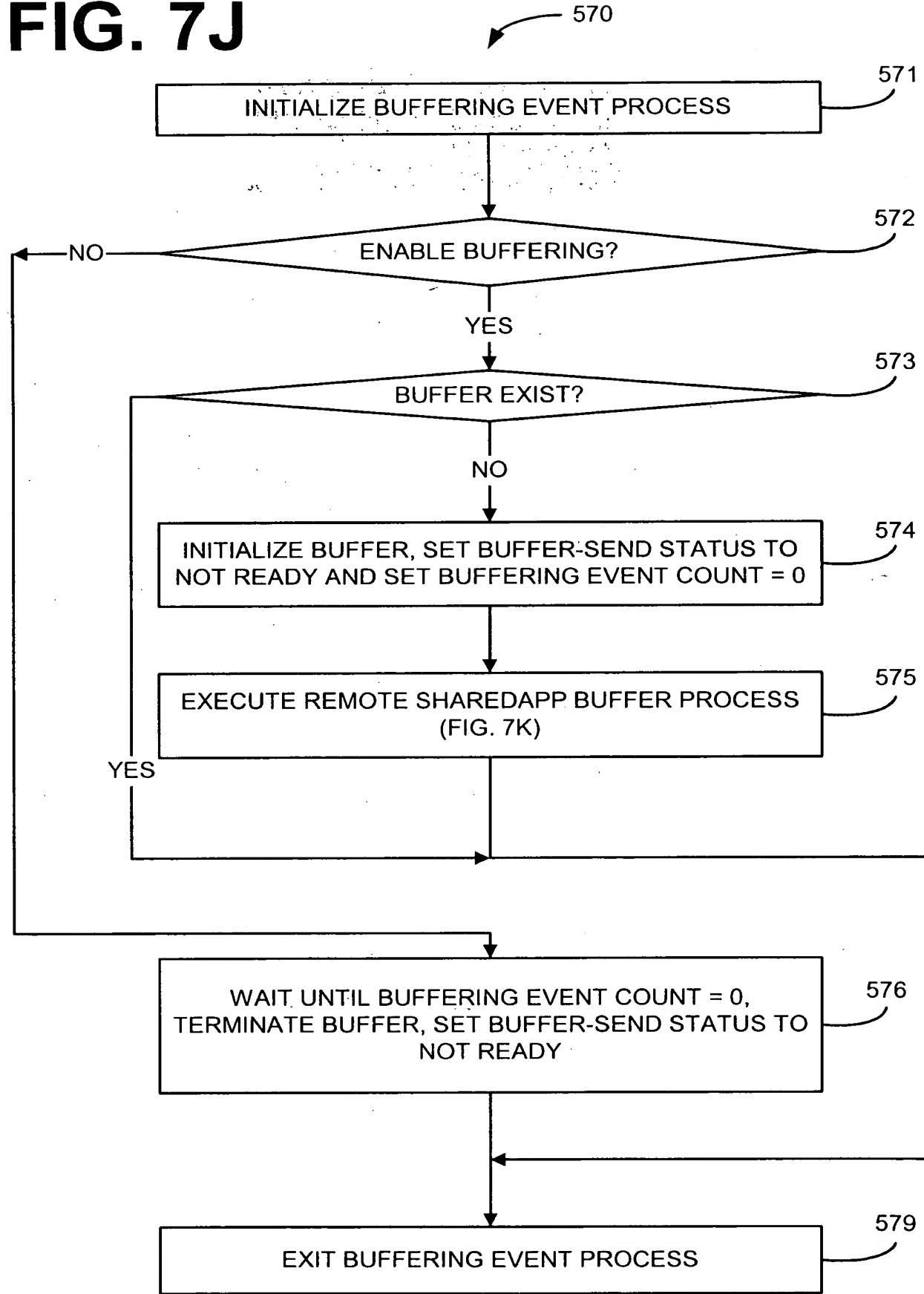


FIG. 7K

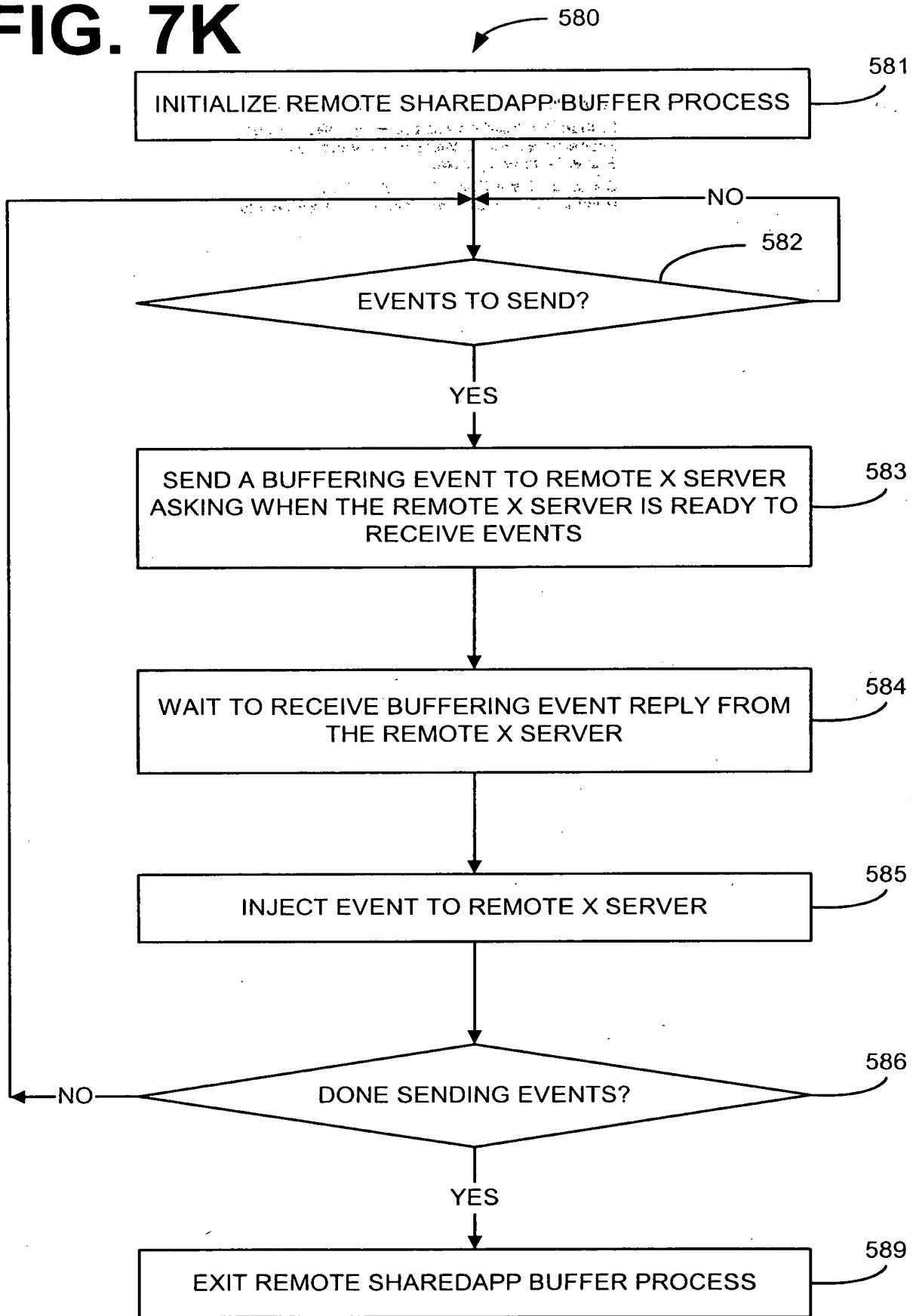
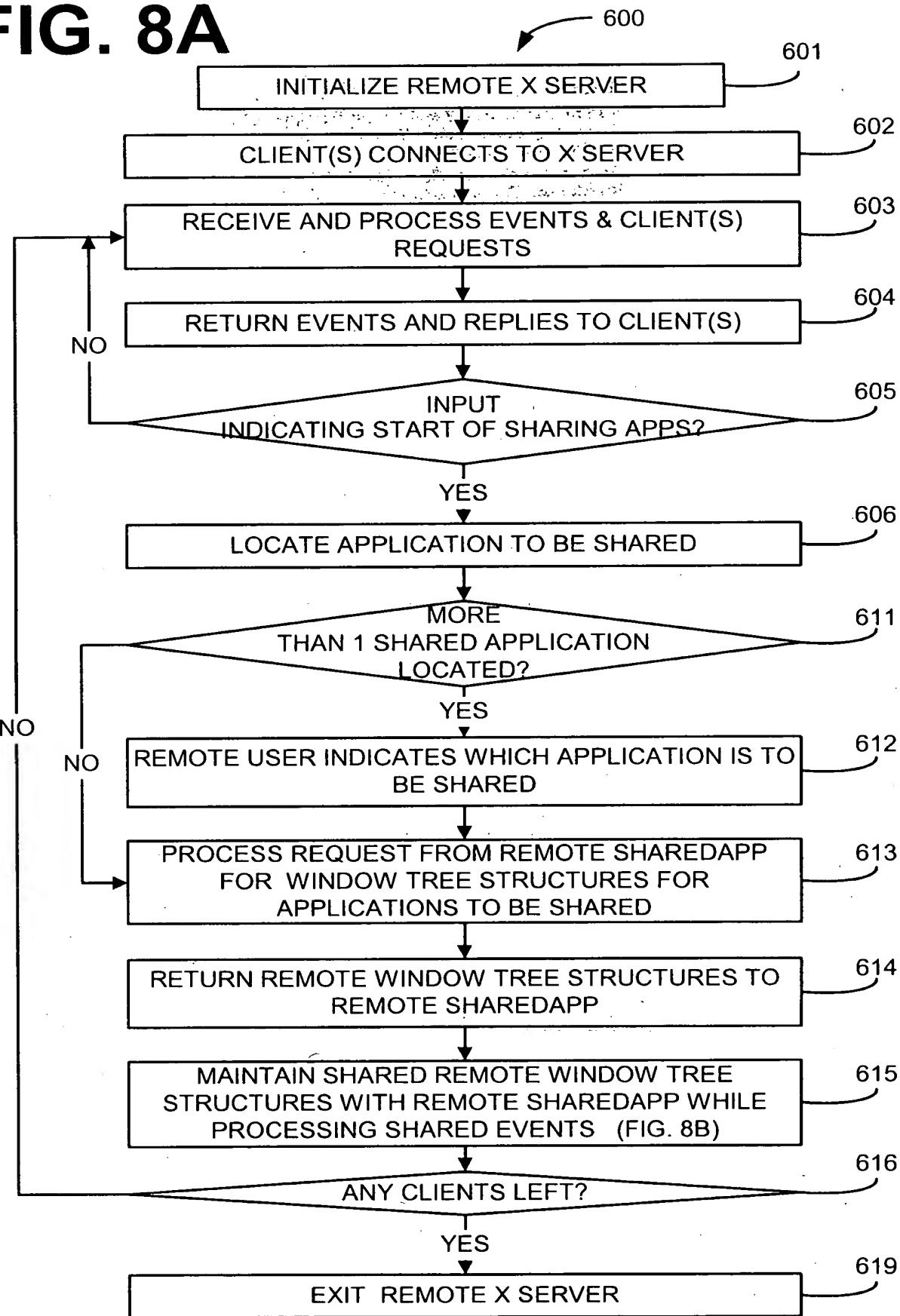


FIG. 8A



00000000000000000000000000000000

FIG. 8B

